CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/233d/Cube/2016-17 06.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Construction of RCC drain in Basaveshwara road 5th D Cross two side and other roads in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	AEE/SSD/PR/95/2016-17 Dated: 30.12.2016
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.138	512.2	22.76
2	09.01.2017	06.02.2017	8.295	520.2	23.12
3	09.01.2017	06.02.2017	8.365	529.9	23.55

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AE-13

6/2

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಾಸವಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಾ.ಪಾ. ರಸ್ತೆ, ಗಾಯತ್ರಿನಗರ, ಬೆಂಗಳೂರು

VIDYARANI P.K.
Technical Manager

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Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.159	478.3	21.26
2	09.01.2017	06.02.2017	8.298	490.2	21.79
3	09.01.2017	06.02.2017	8.325	513.5	22.82

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
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Compressive Strength as on	:	28^{th} day
Sample Received on	:	08.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.01.2017	08.02.2017	8.155	475.5	21.13
2	11.01.2017	08.02.2017	8.226	490.3	21.79
3	11.01.2017	08.02.2017	8.305	506.8	22.52

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	08.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.01.2017	08.02.2017	8.205	482.3	21.44
2	11.01.2017	08.02.2017	8.327	498.9	22.17
3	11.01.2017	08.02.2017	8.406	519.6	23.09

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.01.2017	10.02.2017	8.098	503.2	22.36
2	13.01.2017	10.02.2017	8.199	516.8	22.97
3	13.01.2017	10.02.2017	8.287	537.8	23.90

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